PATENT COOPERATION TREATY INTERNATIONAL SEARCHING AUTHORITY THEODORE W. BAKER **PCT** KLARQUIST SPARKMAN, LLP ONE WORLD TRADE CENTER, SUITE 1600 121 SW SALMON STREET WRITTEN OPINION OF THE PORTLAND, OR 97204 INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below 307-67674-02 International application No. International filing date (day/month/year) Priority date (day/month/year) 14 January 2005 (14.01.2005) 16 January 2004 (16.01.2004) International Patent Classification (IPC) or both national classification and IPC IPC(7): B65G 47/24 and US Cl.: 198/406, 409; 414/798.9 Applicant SMETS ET AL 1. This opinion contains indications relating to the following items: Box No. J Basis of the opinion Box No. II Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application 2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPBA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.

Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

3. For further details, see notes to Form PCT/ISA/220.

Telephone No. 571-272-6910

Facsimile No. (703) 305-3230
Form PCI/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/US05/01681

BOX	o. I Basis of this opinion	
1. With was	regard to the language, this opinion has been established on the basis of the international applicated, unless otherwise indicated under this item.	cation in the language in which i
	This opinion has been established on the basis of a translation from the original language into which is the language of a translation furnished for the purposes of international search (under	the following language,
2. With	regard to any nucleotide and/or amino acid sequence disclosed in the international application	, , , , , , , , , , , , , , , , , , , ,
a.	tion, this opinion has been established on the basis of: type of material	
	a sequence listing	,
	table(s) related to the sequence listing	
b.	format of material	
	in written format	
	in computer readable form	
	Sing 26 531; 260; 211;	
C.	time of filing/furnishing contained in international application as filed.	
	filed together with the international application in computer readable form.	
	furnished subsequently to this Authority for the purposes of search.	
J	Landston bedsequently to this Authority for the purposes of search.	•
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table or furnished, the required statements that the information in the subsequent or additional coapplication as filed or does not go beyond the application as filed, as appropriate, were furnish	
4. Addit	onal comments:	
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International application No. PCT/US05/01681

1. Statement	danations supporting such statement	
Novelty (N)	Claims 1-24	YES
•	Claims NONE	NO
Inventive step (IS)	Claims 1-24	YES
	Claims NONE	NO
Industrial applicability (IA)	Claims 1-24	YBS
	Claims NONE	TBS

2. Citations and explanations:

Claims 1-24 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the claimed invention.

Claims 1-24 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed can be made or used in industry.

Form PCT/ISA/237 (Box No. V) (January 2004)

PATENT COOPERATION TREATY

Prom the INTERNATIONAL SEARCHING AUTHORITY

To: THEODORE W. BAKER KLARQUIST SPARKMAN, LLP ONE WORLD TRADE CENTER, SUITE 1600 121 SW SALMON STREET PORTLAND, OR 97204		PCT WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)				
				Date of mailing		
Applicant's	s or agent's file	reference		(day/month/year)	06 n	EC 2003
307-67674-			,	FOR FURTHER	ACTION See paragraph 2 below	
Internation	al application N	lo.	International filing date	(day/month/year)	Priority date (day/mo	
PCT/US05/	01681	,	14 January 2005 (14 01	2006)	1	
Internation	al Patent Classi	fication (IPC)	or both national classificat	tion and IPC	16 January 2004 (16.6	71.2004)
IPC(7): B65 Applicant	5G 47/24 and U	S Cl.: 198/406	, 409; 414/798.9			
SMETS ET	AL.			,		,
1. Inis op	union contains	indications rela	iting to the following item	s:	•	
	Box No. I	Basis of the	opinion			•
	Вох №. П	Priority				
	Box No. III	Non-establis	hment of opinion with reg	ard to novelty, inven	tive sten and industrial	
	Box No. IV		y of invention	and so he verey, heven	ave step and madstrial	applicability .
	Box No. V	Reasoned sta	atement under Rule 43bis.; citations and explanation	1(a)(i) with regard to	novelty, inventive step	or industrial
1	Box No. VI	Certain docu				
,	Box No. VII	Certain defec	ets in the international app	lication		
	30x No. VIII		rvations on the internation			
2. FURTI	HER ACTIO			£ g		
If a den Internati Authorit	nand for international Preliminary y other than the	ational preliming ry Examining is one to be the	nary examination is made Authority ("IPBA") exc e IPBA and the chosen Il nal Searching Authority w		ot apply where the a	ritten opinion of the pplicant chooses an nder Rule 66.1bis(b)
of Form	pinion is, as pr written reply to PCT/ISA/220 o er options, see	r before the ex	considered to be a writte appropriate, with amendar piration of 22 months from /220.	en opinion of the IPE sents, before the expirant on the priority date, wi	A, the applicant is inversation of 3 months from hichever expires later.	ited to submit to the
3. For furth	er details, see n	otes to Form P	CT/ISA/220.			•
Mail Com P.O. Alex	iling address of Stop PCT, Atn: missioner for Pat Box 1450 andria, Virginia 2 (703) 305-323	ISA/US ents 22313-1450		Authorized officer ames R. Bidwell Telephone No. 571-	272-6910	

Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/US05/01681

Box No. I Basis of this	opinion				
With regard to the langu was filed, unless otherwi	age, this opinion has been est ise indicated under this item.	ablished on the basis	of the internation	nal application in the	ne language in which it
This opinion has t which is the langu	been established on the basis c tage of a translation furnished	of a translation from for the purposes of i	the original langu international searc	age into the follow th (under Rules 12	ving language, .3 and 23.1(b)).
With regard to any nucle invention, this opinion has	cotide and/or amino acid seq as been established on the bas	quence disclosed in t is of:	he international a	pplication and nec	essary to the claimed
a. type of material					
a sequence	listing		÷		
table(s) rela	ated to the sequence listing				
b. format of materia	l				
in written fo	ormat				
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c. time of filing/furn	ishing				
contained in	n international application as	filed.			
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application as file	case that more than one vers required statements that the it d or does not go beyond the ap	nformation in the co	heequent or addi	tional comica in id.	nereto has been filed entical to that in the
4. Additional comments:				•	
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orm PCT/ISA/237(Box No. I) (January 2004)		- 		

International application No. PCT/US05/01681

Inventive step (IS) Claims NONE Claims 1-24 Claims NONE Industrial applicability (IA) Claims 1-24 Claims 1-24 YI Claims NONE	applicability; citations and ex						
Claims NONE N Inventive step (IS) Claims 1-24 Y Claims NONE N Industrial applicability (IA) Claims 1-24 Y Claims NONE NONE Claims 1-24 Y Claims 1-24 Y Claims 1-24 Y Claims 1-24 T Claims NONE NONE Citations and explanations: laims 1-24 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the claimed vention.	Novelty (N)	Claime	1.94	-	.•		
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aims 1-24 meet the criteria set out in PCT Article 33(4), and thus have industrial applicability because the subject matter claimed of made or used in industry.	vention.	:le 33(2)-(3), becau	se the prior ar	t does not tea	ch or fairly sugg	est the claimed	
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	and or used in industry.				•	,	
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